

WHAT IS CLAIMED IS:

1. A data reproduction system reading out, using a data reader, data recorded in a recording medium using a data recorder, said data recorder comprising:
 - a storage circuit storing data,
 - 5 a detection circuit detecting a date,
 - a set circuit setting a time limit allowing output of said data using said data reader, and
 - a record circuit connected to said storage circuit, said detection circuit and said set circuit to record the data stored in said storage circuit, the time limit set by said set circuit, and a recorded date of recording said data and said time limit detected by said detection circuit into said recording medium,
 - said data reader comprising:
 - a detection circuit detecting a date,
 - 15 a read circuit reading out said time limit and said recorded date from said recording medium,
 - a determination circuit connected to said detection circuit and said read circuit of said data reader to determine whether output of said data recorded in said recording medium is allowed or not based on said time limit and said recorded date read out by said read circuit and a current date detected by said detection circuit, and
 - 20 an output circuit connected to said determination circuit to read out said data from said recording medium for output when output of said data is allowed.
2. The data reproduction system according to claim 1, said data reader further comprising an overwrite circuit connected to the detection circuit of said data reader to overwrite the recorded date recorded in said recording medium with the current date detected by said detection circuit.
3. The data reproduction system according to claim 1, wherein said

determination circuit comprises includes a circuit determining that output of said data recorded in said recording medium is allowed when said current date is after said recorded data and before said time limit.

4. The data reproduction system according to claim 1, wherein said detection circuit of said data reader includes

a circuit detecting a date of commencing output of said data,

a circuit detecting an elapsed time from said date of commencing output, and

a circuit detecting a current date based on said date of commencing output and said elapsed time.

5. The data reproduction system according to claim 1, said data reader further comprising an incorrect date detection circuit detecting that said current date is incorrect when said current date is before said recorded date.

6. The data reproduction system according to claim 5, said data reader further including a processing circuit connected to said incorrect date detection circuit disabling output of said data from said recording medium when detection is made that said current date is incorrect.

7. The data reproduction system according to claim 1, said data reader further comprising a monitor date storage circuit connected to said detection circuit of said data reader to store the date detected by the detection circuit of said data reader as a monitor date,

wherein said determination circuit comprises a circuit determining whether output of said data recorded in said recording medium is allowed or not based on said time limit, said recorded date, said monitor date and said current date.

8. The data reproduction system according to claim 7, wherein said determination circuit comprises a circuit determining that output of said

data recorded in said recording medium is allowed when said current date is after said recorded date, after said monitor date, and before said time limit.

9. The data reproduction system according to claim 8, said data reader further comprising an incorrect date detection circuit detecting that said current date is incorrect when said current date is before said monitor date.

10. A data recorder used in a data reproduction system reading out, using a data reader, data recorded in a recording medium using a data recorder,

5 said data reader determining whether output of said data recorded in said recording medium is allowed or not based on a time limit and recorded date read out from said recording medium and a current date, and reading out said data from said recording medium for output when output of said data is allowed,

said data recorder comprising:

10 a storage circuit storing data,

a detection circuit detecting a date,

a set circuit setting a time limit allowing output of said data using said data reader, and

15 a record circuit connected to said storage circuit, said detection circuit and said circuit to record the data stored in said storage circuit, the time limit set by said set circuit, and a recorded date of recording said data and said time limit detected by said detection circuit into said recording medium.

11. A data reader used in a data reproduction system reading out, using a data reader, data written into a recording medium using a data recorder,

5 said data recorder recording into said recording medium said data, a time limit allowing output of said data using said data reader, and a recorded date of recording said data and said time limit in said recording

medium,

said data reader comprising:

a detection circuit detecting a date,

10 a read circuit reading out said time limit and said recorded date from said recording medium,

a determination circuit connected to said detection circuit and said read circuit of said data reader to determine whether output of said data recorded in said recording medium is allowed or not based on said time limit and said recorded date read out by said read circuit, and a current date detected by said detection circuit, and

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an output circuit connected to said determination circuit to read out said data from said recording medium for output when output of said data is allowed.

12. The data reader according to claim 11, further comprising an overwrite circuit connected to said detection circuit of said data reader to overwrite the recorded date recorded in said recording medium with the current date detected by said detection circuit.

13. The data reader according to claim 11, wherein said determination circuit comprises a circuit determining that output of said data recorded in said recording medium is allowed when said current date is after said recorded date and before said time limit.

14. The data reader according to claim 11, wherein said detection circuit comprises

a circuit detecting a date of commencing output of said data,

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a circuit detecting an elapsed time from said date of commencing output.

15. The data reader according to claim 11, further comprising an incorrect date detection circuit detecting that said current date is incorrect

when said current date is before said recorded date.

16. The data reader according to claim 15, further comprising a processing circuit connected to said incorrect date detection circuit to disable output of said data from said recording medium when detection is made that said current date is incorrect.

17. The data reader according to claim 1, further comprising a monitor date storage circuit connected to the detection circuit of said data reader to store the date detected by the detection circuit of said data reader as a monitor date,

5 wherein said determination circuit comprises a circuit determining whether output of said data recorded in said recording medium is allowed or not based on said time limit, said recorded date, said monitor date and said current date.

18. The data reader according to claim 17, wherein said determination circuit comprises a circuit determining that output of said data recorded in said recording medium is allowed when said current date is after said recorded date, after said monitor date and before said time limit.

19. The data reader according to claim 18, further comprising an incorrect date detection circuit detecting that said current date is incorrect when said current date is before said monitor date.

20. A data reproduction system reading out, using a data reader, data written in a recording medium using a data recorder,
said data recorder comprising:
storage means for storing data,
5 detection means for detecting a date,
set means for setting a time limit allowing output of said data using said data reader, and

record means connected to said storage means, said detection means and said set means for recording the data stored in said storage means, the
10 time limit set by said set means, and a recorded date of recording said data and said time limit, detected by said detection means into said recording medium,

said data reader comprising:

detection means for detecting a date,

15 read means for reading said time limit and said recorded date from said recording medium,

determination means connected to said detection means and said read means of said data reader for determining whether output of said data recorded in said recording medium is allowed or not based on said time limit
20 and said recorded date read out by said read means and a current date detected by said detection means, and

output means connected to said determination means to read out said data from said recording means for output when output of said data is allowed.

21. The data reproduction system according to claim 20, said data reader further comprising overwrite means connected to said detection means of said data reader for overwriting the recorded date recorded in said recording medium with the current date detected by said detection means.

22. The data reproduction system according to claim 20, wherein said determination means comprises means for determining that output of said data recorded in said recording medium is allowed when said current date is after said recorded date and before said time limit.

23. The data reproduction system according to claim 20, wherein said detection means of said data reader comprises
means for detecting a date of commencing output of said data,
means for detecting an elapsed time from said date of commencing
5 output, and

means for detecting a current date based on said date of commencing output and said elapsed time.

24. The data reproduction system according to claim 20, said data reader further comprising incorrect date detection means for detecting that said current date is incorrect when said current date is before said recorded date.

25. The data reproduction system according to claim 24, said data reader further comprising processing means connected to said incorrect date detection means for disabling output of said data from said recording medium when detection is made that said current date is incorrect.

26. The data reproduction system according to claim 20, said data reader further comprising monitor date storage means connected to said detection means of said data reader for storing the date detected by said detection means of said data reader as a monitor date,

5 wherein said determination means comprises means for determining whether output of said data recorded in said recording medium is allowed or not based on said time limit, said recorded date, said monitor date and said current date.

27. The data reproduction system according to claim 26, wherein said determination means comprises means for determining that output of said data recorded in said recording medium is allowed when said current date is after said recorded date, after said monitor date, and before said time limit.

28. The data reproduction system according to claim 27, said data reader further comprising incorrect date detection means for detecting that said current date is incorrect when said current date is before said monitor date.

29. A data recorder used in a data reproduction system reading out, using a data reader, data recorded in a recording medium using a data recorder,

5 said data reader determining whether output of said data recorded in said recording medium is allowed or not based on a time limit and a recorded date read out from said recording medium and a current date, and reading out said data from said recording medium for output when output of said data is allowed,

said data recorder comprising:

10 storage means for storing data,

detection means for detecting a date,

said means for setting a time limit that allows output of said data using said data reader, and

15 record means connected to said storage means, said detection means and said set means for recording the data stored in said storage means, the time limit set by said set means, and a recorded date of recording said data and said time limit detected by said detection means into said recording medium.

30. A data reader used in a data reproduction system reading out, using the data reader, data recorded in a recording medium using a data recorder,

5 said data recorder recording said data, a time limit allowing output of said data using said data reader, and a recorded date of said data and said time limit being recorded in said recording medium into said recording medium,

said data reader comprising:

detection means for detecting a date,

10 read means for reading out said time limit and said recorded date from said recording medium,

determination means connected to said detection means and said read means of said data reader for determining whether output of said data recorded in said recording medium is allowed or not based on said time limit

15 and said recorded date read out by said read means and a current date detected by said detection means, and
output means connected to said determination means to read out said data from said recording medium for output when output of said data is allowed.

31. The data reader according to claim 30, further comprising overwrite means connected to said detection means of said data reader for overwriting the recorded date recorded in said recording medium with the current date detected by said detection means.

32. The data reader according to claim 30, wherein said determination means comprises means for determining that output of said data recorded in said recording medium is allowed when said current date is after said recorded date and before said time limit.

33. The data reader according to claim 30, wherein said detection means comprises

means for detecting a date of commencing output of said data,

5 means for detecting an elapsed time from said date of commencing output, and

means for detecting the current date based on said date of commencing output and said elapsed time.

34. The data reader according to claim 30, further comprising incorrect date detection means for detecting that said current date is incorrect when said current date is before said recorded date.

35. The data reader according to claim 34, further comprising processing means connected to said incorrect date detection means for disabling output of said data from said recording medium when detection is made that said current date is incorrect.

36. The data reader according to claim 30, further comprising monitor date storage means connected to said detection means of said data reader for storing the date detected by said detection means of said data reader as a monitor date,

5 wherein said determination means comprises means for determining whether output of said data recorded in said recording medium is allowed or not based on said time limit, said recorded date, said monitor date and said current date.

37. The data reader according to claim 36, wherein said determination means comprises means for determining that output of said data recorded in said recording medium is allowed when said current date is after said recorded date, after said monitor date and before said time limit.

38. The data reader according to claim 37, said data reader further comprising incorrect date detection means for detecting that said current date is incorrect when said current date is before said monitor date.

39. A data record method in a data recorder used in a data reproduction system reading out, using a data reader, data recorded in a recording medium using a data recorder,

5 said data reader determining whether output of said data recorded in said recording medium is allowed or not based on a time limit and recorded date read out from said recording medium and a current date, and reading out said data from said recording medium for output when output of said data is allowed,

10 said data recording method comprising the steps of:
preparing data,
detecting a date,
setting a time limit that allows output of said data using said data reader,

15 recording into said recording medium said prepared data, said set time limit, and a recorded date of recording said data and said time limit,

detected at said step of detecting a date.

40. A data read method in a data reader used in a data reproduction system reading out, using a data reader, data recorded in a recording medium using a data recorder,

5 said data recorder recording into said recording medium said data, a time limit allowing output of said data using said data reader, and a recorded date of recording said data and said time limit in said recording medium,

said data read method comprising the steps of:

detecting a date,

10 reading out said time limit and said recorded date from said recording medium, and

determining whether output of said data recorded in said recording medium is allowed or not based on said time limit and said recorded date read out, and a current date detected at said step of detecting a date, and

15 reading out said data from said recording medium for output when output of said data is allowed.

41. The data read method according to claim 40, further comprising the step of overwriting the recorded date recorded in said recording medium with the current date detected at said step of detecting a date.

42. The data read method according to claim 40, wherein said step of determining whether output of data is allowed or not comprises the step of determining that output of said data recorded in said recording medium is allowed when said current date is after said recorded date and before said
5 time limit.

43. The data read method according to claim 40, wherein said step of detecting a date comprises the steps of

detecting a date of commencing output of said data,

detecting an elapsed time from said date of commencing output, and

5 detecting the current date based on said date of commencing output and said elapsed time.

44. The data read method according to claim 40, further comprising the step of detecting that said current date is incorrect when said current date is before said recorded date.

45. The data read method according to claim 44, further comprising the step of disabling output of said data from said recording medium when detection is made that said current date is incorrect.

46. The data read method according to claim 40, further comprising the step of storing the current date detected at said step of detecting a date as a monitor date,

5 wherein said step of determining whether output of said data is allowed or not comprises the step of determining whether output of said data recorded in said recording medium is allowed or not based on said time limit, said recorded date, said monitor date and said current date.

47. The data read method according to claim 46, wherein said step of determining whether output of data is allowed or not comprises the step of determining that output of said data recorded in said recording medium is allowed when said current date is after said recorded date, after said
5 monitor date and before said time limit.

48. The data read method according to claim 47, further comprising the step of detecting that said current date is incorrect when said current date is before said monitor date.